EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	6	"6734559".pn. "6203613".pn. "6204168".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/15 15:44
L2	920	438/652.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/15 15:49
L3	1898	438/687.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/15 15:49
L4	1455	438/618.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/15 15:49
L5	1420	257/750.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/15 15:49
L6	1583	257/751.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/15 15:49
L7	2896	438/637.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/15 15:49
L8	8888	L2 L3 L4 L5 L6 L7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/15 15:49
L9	2	8 and (ald with (cap capping) with (copper cu))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/15 15:57

EAST Search History

L10	775	8 and ((cap capping) with nitride)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/15 15:57
L11	67	10 and (cyclical ald pulsing)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/15 16:50
L12	1	("cyclical deposition" with "cap layer").clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/15 17:19
L13	2981	257/e21.579.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/15 17:19
S19	764095	"438"/$.ccls. or semic or ic or "257"/$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/19 15:18
S20	22	(dual with damascene) and (ald with (cap capping) with layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/15 15:48
S21	2	("20030139034" | "6528428").PN. OR ("6849536").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/13 10:43
S22	4	(dual with damascene) and (ald with (cap capping) with (copper cu))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/15 15:43
S23	4	("6197688"|"6365527").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/13 10:48
S24	56	("3844799" | "5063169" | "5079600" | "5169680" | "5266446" | "5447887" | "5674787" | "5824599" | "5913147" | "5953594" | "5969422" | "6077780").PN. OR ("6197688").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/13 11:02

EAST Search History

S25	1	"6358849".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/13 11:02
S26	2	"6358849".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/13 11:12
S27	82	TaN with ALD with (barrier cap capping)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/13 11:17
S28	4	("6391785"|"6534395").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/13 11:23
S29	145	("20020037630"|"20020041931"|"20020043666"|"20020048635"|"20020048880"|"20020052097"|"20020055235"|"20020061612"|"20020061612"|"20020064970"|"20020068458"|"20020073924"|"20020074588"|"20020076481"|"20020076507"|"20020076508"|"20020076837"|"20020081826"|"20020081844"|"20020086111"|"20020086507"|"20020090829"|"20020093046"|"20020093781"|"20020094689"|"20020096775"|"20020098627"|"20020102834"|"20020102840"|"20020104481"|"20020105088"|"20020106536"|"20020106846"|"20020109168"|"20020117399"|"20020121241"|"20020121342"|"20020121697"|"20020135071"|"20020144655"|"20020144657"|"20020146511"|"20020146895"|"20020151152"|"20020153579"|"20020155722"|"20020162506"|"20020164421"|"20020164423"|"20020177282"|"20020182320"|"20020187256"|"20020187631"|"20020197402"|"20030013300"|"20030013320"|"20030031807"|"20030031807"|"20030032281"|"20030042630"|"20030049942"|"20030054631"|"20030072975"|"20030079686"|"20030082300"|"20030089308"|"20030101927"|"20030104126"|"20030129826"|"20030134508"|"20030143839"|"20030143841"|"20030165615"|"20030168750"|"20030173586"|"20030186495"|"20030205729").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/13 11:38

EAST Search History

S30	2	"6951804".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/13 11:38

| S31 | 174 | ("20010000866" \| "20010009140" \| "20010011526" \| "20010031562" \| "20010034123" \| "20010041250" \| "20010042799" \| "20020094632" \| "20020127336" \| "4058430" \| "4389973" \| "4413022" \| "4486487" \| "4767494" \| "4806321" \| "4813846" \| "4829022" \| "4834831" \| "4838983" \| "4838993" \| "4840921" \| "4845049" \| "4859625" \| "4859627" \| "4861417" \| "4876218" \| "4917556" \| "4927670" \| "4931132" \| "4951601" \| "4960720" \| "4975252" \| "4993357" \| "5000113" \| "5013683" \| "5028565" \| "5082798" \| "5085885" \| "5091320" \| "5130269" \| "5166092" \| "5173474" \| "5186718" \| "5205077" \| "5221449" \| "5225366" \| "5234561" \| "5246536" \| "5250148" \| "5254207" \| "5256244" \| "5259881" \| "5270247" \| "5278435" \| "5281274" \| "5286296" \| "5290748" \| "5294286" \| "5296403" \| "5300186" \| "5311055" \| "5316615" \| "5316793" \| "5330610" \| "5336324" \| "5338389" \| "5348911" \| "5374570" \| "5395791" \| "5438952" \| "5439876" \| "5441703" \| "5443033" \| "5443647" \| "5455072" \| "5458084" \| "5469806" \| "5480818" \| "5483919" \| "5484664" \| "5503875" \| "5521126" \| "5527733" \| "5532511" \| "5540783" \| "5580380" \| "5601651" \| "5609689" \| "5616181" \| "5637530" \| "5641984" \| "5644128" \| "5667592" \| "5674786" \| "5693139" \| "5695564" \| "5705224" \| "5707880" \| "5711811" \| "5730801" \| "5730802" \| "5747113" \| "5749974" \| "5788447" \| "5788799" \| "5796116" \| "5801634" \| "5807792" \| "5830270" \| "5835677" \| "5851849" \| "5855675" \| "5855680" \| "5856219" \| "5858102" \| "5866213" \| "5866795" \| "5879459" \| "5882165" \| "5882413" \| "5904565" \| "5916365").PN. OR ("5923056" \| "5923985" \| "5925574" \| "5928389" \| "5942040" \| "5947710" \| "5951771" \| "5972430" \| "5989999" \| "6001415" \| "6001669" \| "6013575" \| "6015590" \| "6025627" \| "6036773" \| "6042652" \| "6043177" \| "6051286" \| "6062798" \| "6067222" \| "6071808" \| "6084302" \| "6086677" | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/04/14 07:52 |

S32	4	("6124203"|"6203613").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/14 07:52
S33	118	("4058430" | "4861417" | "5166092" | "5256244").PN. OR ("6203613"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 07:56

| S34 | 261 | ("20010000866" \| "20010002280" \| "20010009140" \| "20010009695" \| "20010011526" \| "20010013312" \| "20010014371" \| "20010024387" \| "20010025979" \| "20010028924" \| "20010034123" \| "20010041250" \| "20010042523" \| "20010042799" \| "20010054377" \| "20010054730" \| "20010054769" \| "20020000196" \| "20020000598" \| "20020007790" \| "20020009544" \| "20020020869" \| "20020021544" \| "20020031618" \| "20020041931" \| "20020048635" \| "20020052097" \| "20020060363" \| "20020066411" \| "20020068458" \| "20020073924" \| "20020076481" \| "20020076507" \| "20020076508" \| "20020076837" \| "20020086106" \| "20020086111" \| "20020086507" \| "20020092471" \| "20020092584" \| "20020094689" \| "20020098627" \| "20020098685" \| "20020104481" \| "20020106536" \| "20020106846" \| "20020108570" \| "20020117399" \| "20020121241" \| "20020121342" \| "20020122884" \| "20020127336" \| "20020127745" \| "20020134307" \| "20020144655" \| "20020144657" \| "20020146511" \| "20020155722" \| "20020162506" \| "20020164421" \| "20020164423" \| "20020177282" \| "20020182320" \| "20020187256" \| "20020187631" \| "20020197402" \| "20030004723" \| "20030010451" \| "20030013320" \| "20030022338" \| "20030031807" \| "20030032281" \| "20030042630" \| "20030049931" \| "20030049942" \| "20030053799" \| "20030054631" \| "20030057526" \| "20030057527" \| "20030059538" \| "20030072913" \| "20030072975" \| "20030075273" \| "20030075925" \| "20030079686" \| "20030082296" \| "20030082301" \| "20030082307" \| "20030089308" \| "20030096468" \| "20030097013" \| "20030101927" \| "20030106490").PN. OR ("20030108674" \| "20030113187" \| "20030116087" \| "20030121469" \| "20030121608" \| "20030124262" \| "20030129308" \| "20030129826" \| "20030134508" \| "20030140854" \| "20030140857" \| "20030143328" \| "20030143747" \| "20030143839" \| "20030153177" \| "20030168750" \| "20030172872" \| "20030173586" \| "20030186495" \| "20030190423" \| "20030190804" \| "20030194493" \| "20030198754" \| "20030205729" \| | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/04/14 08:00 |

S35	18	("5191099" | "5429989" | "5639691" | "5659057" | "6017818" | "6077768" | "6077781" | "6081034" | "6203613" | "6204172" | "6271595" | "6351036" | "6372518" | "6376349" | "6403414").PN. OR ("6518167").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 09:22
S36	13	("3765956" | "5324684" | "5391517" | "5447887" | "5489550" | "5529954" | "5633047" | "5855993").PN. OR ("6271595").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 10:19
S37	1	"20040187304".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 10:19
S38	844	438/652.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/15 12:40
S39	1681	438/687.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/15 12:41
S40	1242	438/618.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/15 12:41
S41	1335	257/750.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/15 12:41
S42	1438	257/751.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/15 12:41
S43	2557	438/637.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 07:28
S44	1995	S43 and @ad<="20030107"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 07:37

EAST Search History

S45	2	"20030077916".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 07:58
S46	2	"6204168".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 07:58
S47	155	"tantalum nitride" with (ALD cyclical pulse pulsing)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/19 15:19
S48	504	("tantalum nitride" TaN) with (ALD cyclical pulse pulsing)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/19 15:28
S49	253	S48 and (@ad>"20030107" or @rlad>"20030107")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/19 15:29
S50	0	S49 not S49	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/19 15:21
S51	251	S48 not S49	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/19 15:21
S52	408	("tantalum nitride" TaN) with cap	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/19 15:28
S53	195	S52 and (@ad>"20030107" or @rlad>"20030107")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/19 15:29
S54	213	S52 not S53	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/19 15:29

S55	2	"6204168".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/20 12:06
S56	1004	438/638.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/20 13:57
S57	639	S56 and "dual damascene"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/20 15:47
S58	2022	parker.xa.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/20 15:47
S59	11	parker-john-m.xa.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/20 15:47
S60	2	"6204168".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/05 10:38